

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A disposable insect control member, comprising:

a substrate having a thickness and a flexural modulus, one of the thickness and the flexural modulus being defined by the other so as to satisfy a prescribed predetermined criterion and to optimally radiate pressure waves at a prescribed frequency that mimics the heartbeat of an animal; and

an insect-interactive material supported on the substrate

Claim 2 (original): The insect control member as in claim 1, wherein the prescribed criterion is a ratio between the thickness and the flexural modulus.

Claim 3 (original): The insect control member as in claim 1, wherein the prescribed criterion is a range of ratios between the thickness and the flexural modulus.

Claim 4 (original): The insect control member as in claim 3, wherein the substrate is polyethylene and the thickness is at least about 0.5 mils.

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Appl. No. 09/924,007

Amdt. Dated August 19, 2003

Reply to Notice of Non-Compliant Amendment of July 24, 2003

Claim 5 (original): The insect control member as in claim 1, wherein a material for the substrate is selected from the group of: polyethylene, polypropylene, polyester, polycarbonate, polyvinyl chloride, and polystyrene.


Claim 6 (original): The insect control member as in claim 5, wherein a range of thickness that satisfy the prescribed criterion are defined by the material selected for the substrate.

Claim 7 (original): The insect control member as in claim 1, wherein the substrate is a predetermined polymer and wherein the predetermined polymer has a range of thicknesses that satisfy the prescribed criterion.

Claim 8 (original): The insect control member as in claim 7, wherein the polymer is an unfilled homopolymer.

Claim 9 (original): The insect control member as in claim 1, wherein the substrate includes a front surface which defines a central insect-interactive zone and a peripheral sealing zone that surrounds the insect-interactive zone, and wherein the insect-interactive material is within the insect-interactive zone.

Claim 10 (original): The insect control member as in claim 9, wherein the substrate further includes a generally central folding axis, the substrate being foldable about the central folding

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Appl. No. 09/924,007

Amdt. Dated August 19, 2003

Reply to Notice of Non-Compliant Amendment of July 24, 2003

axis to a stowed position wherein a first half of the front surface folds upon a second half of the front surface, and being unfoldable to a usable position wherein first and second halves of the front surface are exposed.

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Claim 11 (original): The insect control member as in claim 10, further comprising a sealing material located within the sealing zone, the sealing material being adapted to selectively seal and protect the insect-interactive material when the substrate is in the stowed position.

Claim 12 (original): The insect control member as in claim 1, wherein the insect-interactive material is sticky and adapted to adhere a contacting insect to the substrate.

Claim 13 (original): The insect control member as in claim 1, wherein the insect-interactive material comprises an oil-based composition that is adapted to adhere to a contacting insect and be carried off by the insect for reaction with the insect at a remote location.

Claim 14 (original): The insect control member as in claim 1, wherein the insect-interactive material comprises mineral oil.

Claim 15 (original): The insect control member as in claim 1, further comprising a first fastener on one side of the folding axis adapted to engage with a second fastener on another side of the folding axis so that connection of the first and second fasteners maintains the

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Appl. No. 09/924,007

Amdt. Dated August 19, 2003

Reply to Notice of Non-Compliant Amendment of July 24, 2003

disposable insect control member in the usable position and in an assembled configuration for seating on a vibration generator.

Claim 16 (canceled).

Claim 17 (previously added): The insect control member as in claim 1, wherein the range of material thicknesses is bounded at the upper end to 5 mil.

Claim 18 (previously added): The insect control member as in claim 2, wherein the range of material thicknesses is bounded at the upper end to 5 mil.

Claim 19 (previously added): The insect control member as in claim 3, wherein the range of material thicknesses is bounded at the upper end to 5 mil.

Claim 20 (previously added): The insect control member as in claim 5, wherein the range of material thicknesses is bounded at the upper end to 5 mil.

Claim 21 (previously added): The insect control member as in claim 9, wherein the range of material thicknesses is bounded at the upper end to 5 mil.

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Appl. No. 09/924,007

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